

In the Claims

1. (previously presented) A phase change ink composition comprising:
a non-polymeric urethane that is the reaction product of one or more alcohols
and one or more isocyanates, the alcohols comprising monohydric fused-ring alcohols;
and
at least one polyethylene wax.
2. (original) The phase change ink composition of claim 1 wherein the isocyanates comprise isophorone diisocyanate.
3. (previously presented) The phase change ink composition of claim 1 wherein the monohydric fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin.
4. (previously presented) The phase change ink composition of claim 1 wherein the monohydric fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates comprise isophorone diisocyanate.

5. (previously presented) The phase change ink composition of claim 1 wherein the alcohols consist of one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates consist of isophorone diisocyanate.

6. (currently amended) A phase change ink composition comprising:
a non-polymeric urethane resin that is the reaction product of one or more alcohols and one or more isocyanates, the alcohols comprising fused-ring alcohols which include at least three fused rings.

7. (original) The phase change ink composition of claim 6 wherein the fused-ring alcohols consist of monohydric alcohols.

8. (original) The phase change ink composition of claim 6 wherein the fused-ring alcohols which include at least three fused rings consist of monohydric alcohols.

9. (previously presented) The phase change ink composition of claim 6 wherein the fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin.

10. (previously presented) The phase change ink composition of claim 6 wherein the fused-ring alcohols include one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates comprise isophorone diisocyanate.

11. (previously presented) The phase change ink composition of claim 6 wherein the alcohols consist of one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin; and decarboxylated rosin and the isocyanates consist of isophorone diisocyanate.

12. (currently amended) A phase change ink composition comprising: a non-polymeric urethane resin that is the reaction product of one or more alcohols and one or more isocyanates, the alcohols comprising monohydric fused-ring alcohols having no double bonds.

13. (original) The phase change ink composition of claim 12 further comprising a polyethylene wax.

14. (original) The phase change ink composition of claim 12 further comprising a polyethylene wax and a mono-amide.

15. (original) The phase change ink composition of claim 12 wherein the monohydric fused-ring alcohols include alcohols having at least three fused rings.

16. (previously presented) A phase change ink comprising:
a non-polymeric urethane that is the reaction product of one or more alcohols
and one or more isocyanates, the alcohols comprising monohydric fused-ring alcohols;
at least one polyethylene wax; and
a colorant.

17. (previously presented) The phase change ink of claim 16 wherein the
monohydric fused-ring alcohols include one or more compound selected from a group
consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and
decarboxylated rosin.

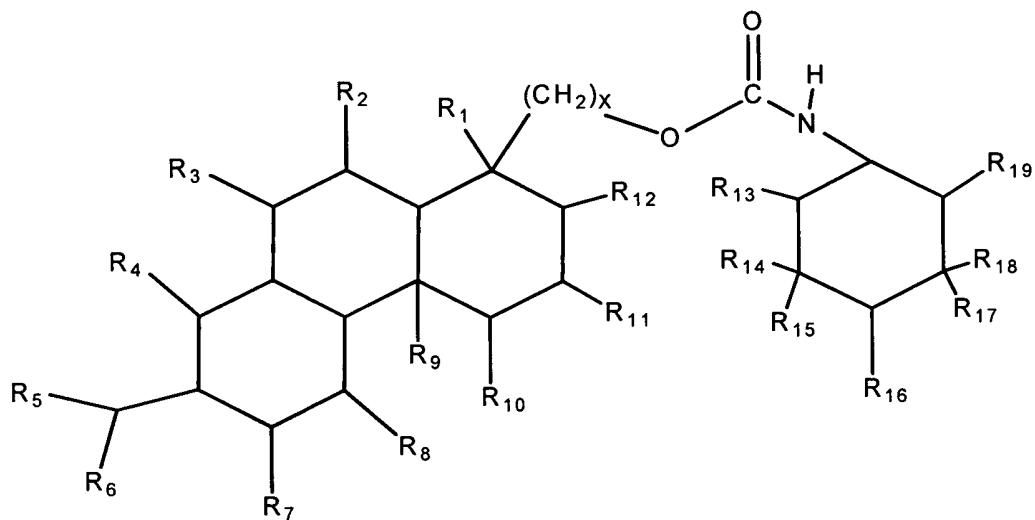
18. (previously presented) The phase change ink composition of claim 16
wherein the monohydric fused-ring alcohols include one or more compound selected
from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and
decarboxylated rosin; and the isocyanates comprise isophorone diisocyanate.

19. (previously presented) The phase change ink composition of claim 16
wherein the alcohols consist of one or more compound selected from a group
consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and
decarboxylated rosin; and the isocyanates consist of isophorone diisocyanate.

20. (previously presented) The phase change ink composition of claim 16 wherein the alcohols consist of one or more compound selected from a group consisting of hydroabietyl alcohol, methyl ester of hydrogenated rosin, and decarboxylated rosin; and the isocyanates consist of isophorone diisocyanate; the ink further comprising a mono-amide.

Claims 21-38 (cancelled)

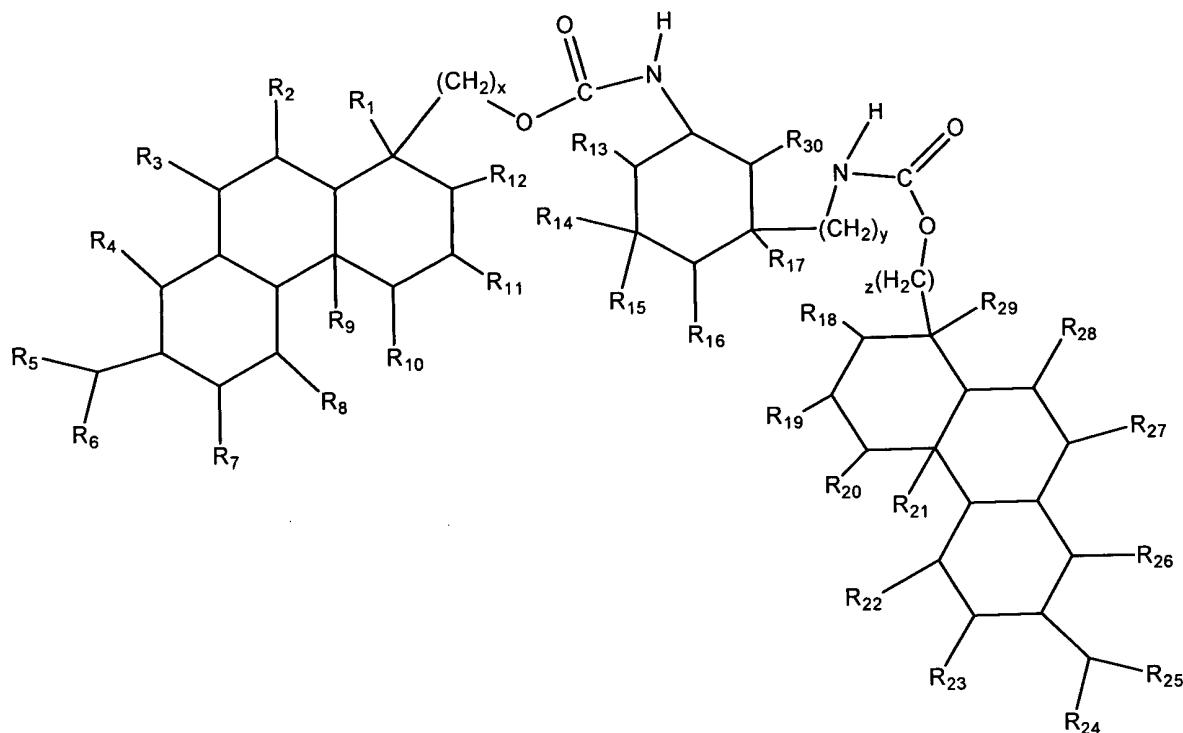
39. (currently amended) A phase change ink comprising:



wherein each of R₁-R₁₉ are independently selected from among the group consisting of hydrogen, alkyl groups, [[and]] aryl groups, arylalkyl groups, alkylaryl groups, and heterocyclic groups; wherein one or more of R₁-R₁₉ are included by a ring structure; and wherein (CH₂)_x denotes one or more methylene groups.

40. (original) The phase change ink of claim 39 wherein some of R₁-R₃₀ are methyl groups and some of R₁-R₃₀ are not methyl groups, and wherein at least some of the R₁-R₃₀ which are not methyl groups are hydrogen.

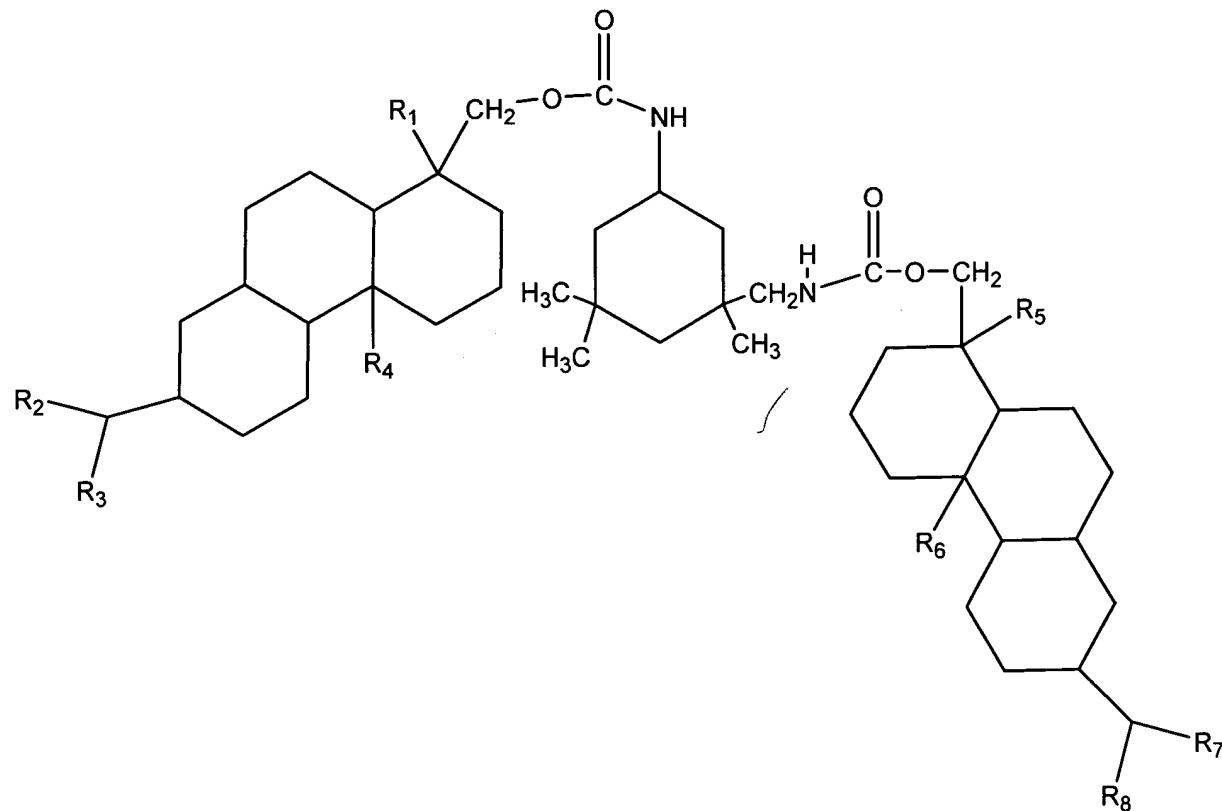
41. (currently amended) A phase change ink comprising:



wherein each of R₁-R₃₀ are independently selected from among the group consisting of hydrogen, alkyl groups, [[and]] aryl groups, arylalkyl groups, alkylaryl groups, and heterocyclic groups; and wherein each of (CH₂)_x, (CH₂)_y, and (CH₂)_z independently denote one or more methylene groups.

42. (original) The phase change ink of claim 41 wherein at least some of R₁-R₃₀ are methyl groups and some of R₁-R₃₀ are not methyl groups, and wherein at least some of the R₁-R₃₀ which are not methyl groups are hydrogen.

43. (currently amended) A phase change ink comprising:



wherein each of R₁, R₂, R₃, R₄, R₅, R₆, R₇ and R₈ are independently selected from among the group consisting of hydrogen, alkyl groups, [[and]] aryl groups, arylalkyl groups, alkylaryl groups, and heterocyclic groups.

44. (original) The phase change ink of claim 43 wherein R₁, R₂, R₃, R₄, R₅, R₆, R₇ and R₈ are methyl groups.